In the Claims:

1. (Currently Amended) A flux cored wire for gas shielded arc welding manufactured by forming a metal sheath, packing the inside of the metal sheath with a flux, followed by forming into a metal pipe shape and wire drawing,

wherein the ratio of tensile strength of the flux cored wire satisfies Relation~~ship~~ (1) below:

$1.4 \leqslant (R_{rcts}/R_{ucts}) \leqslant 4.0$ Relation~~ship~~ (1),

wherein R_{rcts} represents the range of tensile strength of real cross section (real tensile strength range in a state where the flux is packed), and

R_{ucts} represents the range of tensile strength of unpacked cross section (real tensile strength range in a state where the flux is unpacked).

2. (New) A method of forming a flux cored wire for gas shielded arc welding, comprising:

forming a metal sheath;

packing the inside of the metal sheath with a flux;

forming into a metal pipe shape and wire drawing;

wherein the ratio of tensile strength of the flux cored wire satisfies Relation (1) below:

$1.4 \leqslant (R_{rcts}/R_{ucts}) \leqslant 4.0$ Relation (1),

wherein R_{rcts} represents the range of tensile strength of real cross section (real tensile strength range in a state where the flux is packed), and

R_{ucts} represents the range of tensile strength of unpacked cross section (real tensile strength range in a state where the flux is unpacked).